AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 5, line 20, as follows:

(insert amended paragraph)

In the example of Figure 3A, MEAS_WT is consistently above the threshold THR_LA and outside the tolerance window defined by W_HIGH and W_LOW. If MEAS_WT remains above THR_LA and outside the tolerance window for at least a prescribed time such as one minute, PODS_ECU 24 initiates a one-time step reduction of THR_LA by an amount such as 11.4kg (25 lbs). In Figure ~~2A~~ 3A, the adjustment of THR_LA occurs at time T1, whereafter THR_LA remains constant. Step adjustment of the opposite polarity occurs in the example of Figure 3B where MEAS_WT remains below THR_LA and outside the tolerance window for at least a prescribed time such as one minute. In such case, PODS_ECU 24 initiates a step increase of THR_LA by an amount such as 11.4kg (25 lbs). As in Figure 3A, the adjustment of THR_LA in Figure 3B occurs at time T1, whereafter THR_LA remains constant. In each case, the adjustment immediately widens an observed and consistently large separation between MEAS_WT and THR_LA, increasing the apparent hysteresis and effectively locking-in the determined occupant characterization.